NRB 0800-3600

Air-water chiller

Cooling capacity 217 ÷ 1049 kW

- **Microchannel coil**
- **Night mode**
- **Operation up to 50 °C outdoor air**
- **HP floating: ESEER +7% with inverter fans**

DESCRIPTION

Air-cooled outdoor chiller designed to meet air conditioning needs in residential/commercial complexes or industrial applications.
They are outdoor units with axial fan scroll compressors, microchannel batteries and plate exchangers.
In the unit with desuperheater, it is also possible to produce free-hot water.
The base, the structure and the panels are made of galvanized steel treated with polyester paint RAL 9003.

VERSIONS

° Standard
A High efficiency
E Silenced high efficiency
L Standard silenced
N Silenced very high efficiency
U Very high efficiency

FEATURES

Operating field

Operation at full load up to 50°C external air temperature. Unit can produce chilled water (up to -10°C of water produced in some versions).

Dual-circuit unit

Unit with 2 refrigerant circuits designed to provide maximum efficiency at full load, ensuring high efficiency at partial loads also and ensuring continuity in case one of the circuits stops.

Aluminium microchannel coils

The microchannel condensing aluminum coils ensure high levels of efficiency, reduced quantities of refrigerant and lower unit weight. The treatment "O" available as configurator it ensures high resistance to corrosion even in the most aggressive environments.

Electronic expansion valve

The possibility to use electronic expansion valve, offers significant benefits, especially when the chiller is working with partial loads, increasing the energy efficiency of the unit.

It is standard in all sizes from 1805 to 3600.

Integrated hydronic kit

Integrated hydronic kit containing the main hydraulic components; available with various configurations with one or two pumps, with high or low head and storage tank, to obtain a solution that allows you to save money and to facilitate installation.

CONTROL PCO[5]

Microprocessor adjustment, with 7", touch screen keyboard, which allows to navigate intuitively among the various screens, allowing to modify the operating parameters and graphically view the progress of some variables in real time and the ad adjustment includes complete management of the alarms and their log.

— Possibility to control two units in a Master-Slave configuration
— The presence of a programmable timer allows functioning time periods and a possible second set-point to be set.
— The temperature control takes place with the integral proportional logic, based on the water output temperature.
— **Floating HP control:** available for all models with inverter fans or with DCPX. Together with continuous fan modulation, it optimises unit operation in any working point, enhancing energy efficiency with partial loads. **ESEER up to +7% with inverter fans.**
— **Night Mode:** it is possible to set a silenced operation profile. Perfect for night operation since it guarantees greater acoustic comfort in the evenings, and a high efficiency in the time of greater load. **Night Mode for standard versions is mandatory DCPX accessory (standard on all low noise versions) or "J" inverter fan**

CONFIGURATOR

Field		Description
1,2,3		**NRB**
4,5,6,7		**Size** 0800, 0900, 1000, 1100, 1200, 1400, 1600, 1805, 2006, 2206, 2406, 2600, 2800, 3000, 3200, 3400, 3600
8		**Operating field**
	°	Standard mechanic thermostatic valve (1)
	X	Electronic thermostatic expansion valve (1)
	Y	Low temperature mechanic thermostatic valve (2)
	Z	Low temperature electronic thermostatic valve (2)
9		**Model**
	°	Cooling only
	C	Motocondensing unit (3)
10		**Heat recovery**
	°	Without heat recovery
	D	With desuperheater (4)
	T	With total recovery (5)
11		**Version**
	°	Standard
	A	High efficiency
	E	Silenced high efficiency
	L	Standard silenced
	N	Silenced very high efficiency
	U	Very high efficiency
12		**Coils**
	°	Aluminium microchannel
	I	Copper-aluminium
	O	Coated aluminium microchannel
	R	Copper-copper
	S	Tinned copper
	V	Copper-painted alumimium
13		**Fans**
	°	Standard
	J	Inverter
	M	Oversized
14		**Power supply**
	°	400V ~ 3 50Hz with magnet circuit breakers
15,16		**Integrated hydronic kit**
		Without hydronic kit
	00	Without hydronic kit
		Kit with n° 1 pump
	PA	Pump A
	PB	Pump B
	PC	Pump C
	PD	Pump D
	PE	Pump E
	PF	Pump F
	PG	Pump G
	PH	Pump H
	PI	Pump I
	PJ	Pump J (6)
		Pump n° 1 pump + stand-by pump
	DA	Pump A + stand-by pump (7)
	DB	Pump B + stand-by pump (7)
	DC	Pump C + stand-by pump (7)
	DD	Pump D + stand-by pump (7)
	DE	Pump E + stand-by pump (7)
	DF	Pump F + stand-by pump (7)
	DG	Pump G + stand-by pump (7)
	DH	Pump H + stand-by pump (7)
	DI	Pump I + stand-by pump (7)
	DJ	Pump J + stand-by pump (8)
		Kit with storage tank and n° 1 pump
	AA	Storage tank and pump A
	AB	Storage tank and pump B
	AC	Storage tank and pump C
	AD	Storage tank and pump D
	AE	Storage tank and pump E
	AF	Storage tank and pump F
	AG	Storage tank and pump G
	AH	Storage tank and pump H
	AI	Storage tank and pump I
	AJ	Storage tank and pump J (6)
		Kit with storage tank and n° 1 pump + stand-by pump
	BA	Storage tank with pump A + stand-by pump (7)
	BB	Storage tank with pump B + stand-by pump (7)
	BC	Storage tank with pump C + stand-by pump (7)
	BD	Storage tank with pump D + stand-by pump (7)
	BE	Storage tank with pump E + stand-by pump (7)
	BF	Storage tank with pump F + stand-by pump (7)
	BG	Storage tank with pump G + stand-by pump (7)
	BH	Storage tank with pump H + stand-by pump (7)
	BI	Storage tank with pump I + stand-by pump (7)
	BJ	Storage tank with pump J + stand-by pump (8)

(1) Water produced from 4 °C ÷ 18 °C
(2) Processed water from 4°C to -8°C for the ° - L versions, and from 4°C to -10°C for A - E - U - N versions
(3) Condensing units "C" are not compatible with the Y/X/Z/T/D option
(4) The temperature of the water in the heat exchanger inlet must never drop below 35°C.
(5) None of the hydronic kits (from PA to BJ) are compatible with the following sizes and with versions with heat recovery T: 0800 - 0900 - 1000 - 1100 version °; 0800 - 0900 version A; 0800 - 0900 version L. None of the hydronic kits with pump(s) and storage tank (from AA to BJ) are compatible with all the sizes and with versions with heat recovery T
(6) For all configurations including pump J please contact the factory.
(7) None of the hydronic kits with twin pump (from DA to DJ and from BA to BJ) are compatible for the following sizes and versions with desuperheater D: 1805 versions °- L-A, 2006-2206 version °.
(8) For all combinations with pump J, please contact our head office. None of the hydronic kits with twin pump (from DA to DJ and from BA to BJ) are compatible for the following sizes and versions with desuperheater D: 1805 versions °-L-A, 2006-2206 version °.

ACCESSORIES

AER485P1: RS-485 interface for supervision systems with MODBUS protocol.
AERBACP: Ethernet communication Interface for protocols Bacnet/IP, Modbus TCP/IP, SNMP
AERNET: The device allows the control, the management and the remote monitoring of a Chiller with a PC, smartphone or tablet using Cloud connection. AERNET works as Master while every unit connected is configured as Slave (max. 6 unit); also, with a simple click is possible to save a log file with all the connected unit datas in the personal terminal for post analysis.
FL: Flow switch.
MULTICHILLER_EVO: Control, switch-on and switch-off system of the single chillers where multiple units are installed in parallel, always ensuring constant flow rate to the evaporators.
PGD1: Allows you to control the unit at a distance.
AVX: Spring anti-vibration supports.
DCPX: Device for condensation temperature control, with continuous speed modulation of fans by using a pressure transducer.

FACTORY FITTED ACCESSORIES

DRE: Electronic device for peak current reduction.
RIF: Power factor correction. Connected in parallel to the motor allowing about 10% reduction of input current.
GP_: Anti-intrusion grid kit
T6: Double safety valve with exchange cock, both on the high and low pressure branches.
XLA: The Kit, which consists of resistances for the electric power board and "J" inverter fans, allows the outdoor air temperature operating range to be extended from –10°C to –20°C outdoor air.

ACCESSORIES COMPATIBILITY

Model	Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
AER485P1	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AERBACP	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
AERNET	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FL	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
MULTICHILLER_EVO	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
PGD1	°,A,E,L,N,U	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

Antivibration

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Integrated hydronic kit: 00																	
°	AVX805	AVX805	AVX805	AVX805	AVX808	AVX808	AVX808	AVX810	AVX810	AVX810	AVX809	AVX815	AVX819	AVX819	AVX819	AVX818	AVX818
A,L	AVX805	AVX805	AVX806	AVX808	AVX808	AVX808	AVX810	AVX810	AVX809	AVX809	AVX863	AVX813	AVX818	AVX818	AVX816	AVX816	AVX816
E,U	AVX806	AVX806	AVX808	AVX807	AVX807	AVX810	AVX809	AVX863	AVX863	AVX813	AVX813	AVX816	AVX816	AVX817	AVX820	AVX820	AVX820
N	AVX807	AVX807	AVX807	AVX809	AVX809	AVX809	AVX863	AVX812	AVX812	AVX814	AVX814	AVX817	AVX817	AVX820	AVX821	AVX821	AVX821
Integrated hydronic kit: AA, AB, AC, AD, AE, AF, AG, AH, AI, AJ, BA, BB, BC, BD, BE, BF, BG, BH																	
°	AVX844	AVX844	AVX844	AVX844	AVX844	AVX848	AVX848	AVX845	AVX845	AVX845	AVX847	AVX853	AVX857	AVX859	AVX859	AVX858	AVX858
A,L	AVX844	AVX844	AVX844	AVX844	AVX844	AVX848	AVX845	AVX845	AVX847	AVX847	AVX849	AVX854	AVX858	AVX858	AVX861	AVX861	AVX861
E,U	AVX844	AVX844	AVX844	AVX845	AVX845	AVX845	AVX847	AVX849	AVX849	AVX851	AVX851	AVX855	AVX855	AVX856	AVX860	AVX860	AVX860
N	AVX845	AVX845	AVX845	AVX847	AVX847	AVX847	AVX849	AVX850	AVX851	AVX852	AVX852	AVX856	AVX856	AVX860	AVX862	AVX862	AVX862
Integrated hydronic kit: BI																	
°	AVX844	AVX844	AVX844	AVX844	AVX846	AVX848	AVX848	AVX845	AVX845	AVX845	AVX847	AVX853	AVX857	AVX859	AVX859	AVX858	AVX858
A,L	AVX844	AVX844	AVX846	AVX846	AVX846	AVX848	AVX845	AVX845	AVX847	AVX847	AVX849	AVX854	AVX858	AVX858	AVX861	AVX861	AVX861
E,U	AVX844	AVX844	AVX846	AVX845	AVX845	AVX845	AVX847	AVX849	AVX849	AVX851	AVX851	AVX855	AVX855	AVX856	AVX860	AVX860	AVX860
N	AVX845	AVX845	AVX845	AVX847	AVX847	AVX847	AVX849	AVX850	AVX851	AVX852	AVX852	AVX856	AVX856	AVX860	AVX862	AVX862	AVX862
Integrated hydronic kit: BJ																	
°	-	AVX844	AVX844	AVX844	AVX846	AVX848	AVX848	AVX845	AVX845	AVX845	AVX847	AVX853	AVX857	AVX859	AVX859	AVX858	AVX858
A,L	AVX844	AVX844	AVX846	AVX846	AVX846	AVX848	AVX845	AVX845	AVX847	AVX847	AVX849	AVX854	AVX858	AVX858	AVX861	AVX861	AVX861
E,U	AVX844	AVX844	AVX846	AVX845	AVX845	AVX845	AVX847	AVX849	AVX849	AVX851	AVX851	AVX855	AVX855	AVX856	AVX860	AVX860	AVX860
N	AVX845	AVX845	AVX845	AVX847	AVX847	AVX847	AVX849	AVX850	AVX851	AVX852	AVX852	AVX856	AVX856	AVX860	AVX862	AVX862	AVX862
Integrated hydronic kit: DA, DB, DC, PA, PB, PC, PD, PE, PF, PG, PH																	
°	AVX822	AVX822	AVX822	AVX822	AVX825	AVX825	AVX825	AVX826	AVX826	AVX826	AVX828	AVX834	AVX839	AVX839	AVX839	AVX840	AVX840
A,L	AVX822	AVX822	AVX825	AVX825	AVX825	AVX825	AVX826	AVX826	AVX828	AVX828	AVX830	AVX835	AVX840	AVX840	AVX842	AVX842	AVX842
E,U	AVX825	AVX825	AVX825	AVX826	AVX826	AVX826	AVX828	AVX830	AVX830	AVX832	AVX832	AVX836	AVX836	AVX837	AVX841	AVX841	AVX841
N	AVX826	AVX826	AVX826	AVX828	AVX828	AVX828	AVX830	AVX831	AVX831	AVX833	AVX833	AVX837	AVX837	AVX841	AVX843	AVX843	AVX843
Integrated hydronic kit: DD, DE, DF, DG, DH, PI, PJ																	
°	AVX823	AVX823	AVX823	AVX823	AVX825	AVX825	AVX825	AVX826	AVX826	AVX826	AVX829	AVX834	AVX839	AVX839	AVX839	AVX840	AVX840
A,L	AVX823	AVX823	AVX825	AVX825	AVX825	AVX825	AVX826	AVX826	AVX829	AVX829	AVX830	AVX835	AVX840	AVX840	AVX842	AVX842	AVX842
E,U	AVX825	AVX825	AVX825	AVX826	AVX826	AVX826	AVX829	AVX830	AVX830	AVX832	AVX832	AVX836	AVX836	AVX838	AVX841	AVX841	AVX841
N	AVX826	AVX826	AVX826	AVX829	AVX829	AVX829	AVX830	AVX831	AVX831	AVX833	AVX833	AVX838	AVX838	AVX841	AVX843	AVX843	AVX843
Integrated hydronic kit: DI, DJ																	
°	AVX864	AVX864	AVX829	AVX864	AVX825	AVX825	AVX827	AVX827	AVX827	AVX827	AVX829	AVX834	AVX839	AVX839	AVX839	AVX840	AVX840
A,L	AVX864	AVX864	AVX825	AVX825	AVX825	AVX825	AVX827	AVX827	AVX829	AVX829	AVX830	AVX835	AVX840	AVX840	AVX842	AVX842	AVX842
E,U	AVX825	AVX825	AVX825	AVX827	AVX827	AVX827	AVX829	AVX830	AVX830	AVX832	AVX832	AVX836	AVX836	AVX838	AVX841	AVX841	AVX841
N	AVX827	AVX827	AVX827	AVX829	AVX829	AVX829	AVX830	AVX831	AVX831	AVX833	AVX833	AVX838	AVX838	AVX841	AVX843	AVX843	AVX843

Condensation control temperature

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006
Fans: °									
°	DCPX120	DCPX120	DCPX120	DCPX120	DCPX121	DCPX121	DCPX121	DCPX150	DCPX150
A	DCPX120	DCPX120	DCPX121	DCPX121	DCPX121	DCPX121	DCPX122	DCPX150	DCPX151
E,L,N	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard
U	DCPX121	DCPX121	DCPX122	DCPX122	DCPX122	DCPX122	DCPX123	DCPX124	DCPX124
Fans: M									
°	DCPX130	DCPX130	DCPX130	DCPX130	DCPX131	DCPX131	DCPX131	DCPX155	DCPX155
A	DCPX130	DCPX130	DCPX131	DCPX131	DCPX131	DCPX131	DCPX132	DCPX155	DCPX156
E,L,N	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard
U	DCPX131	DCPX131	DCPX131	DCPX132	DCPX132	DCPX132	DCPX133	DCPX134	DCPX134

Ver	2206	2406	2600	2800	3000	3200	3400	3600
Fans: °								
°	DCPX150	DCPX151	DCPX123	DCPX124	DCPX124	DCPX124	DCPX125	DCPX125
A	DCPX151	DCPX124	DCPX125	DCPX125	DCPX125	DCPX126	DCPX126	DCPX126
E,L,N	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard
U	DCPX125	DCPX125	DCPX126	DCPX126	DCPX127	DCPX128	DCPX128	DCPX128
Fans: M								
°	DCPX155	DCPX156	DCPX133	DCPX134	DCPX134	DCPX134	DCPX135	DCPX135
A	DCPX156	DCPX134	DCPX135	DCPX135	DCPX135	DCPX136	DCPX136	DCPX136
E,L,N	As standard	As standard	As standard	As standard	As standard	As standard	As standard	As standard
U	DCPX135	DCPX135	DCPX136	DCPX136	DCPX137	DCPX138	DCPX138	DCPX138

Device for peak current reduction

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006
°,A,E,L,N,U	DRENRB0800 (1)	DRENRB0900 (1)	DRENRB1000 (1)	DRENRB1100 (1)	DRENRB1200 (1)	DRENRB1400 (1)	DRENRB1600 (1)	DRENRB1805 (1)	DRENRB2006 (1)

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.
A grey background indicates the accessory must be assembled in the factory

Ver	2206	2406	2600	2800	3000	3200	3400	3600
°,A,E,L,N,U	DRENRB2206 (1)	DRENRB2406 (1)	-	-	-	-	-	-

(1) Only for supplies of 400V 3N ~ 50Hz and 400V 3 ~ 50Hz. x 2 or x 3 (if present) indicates the quantity to be ordered.
The accessory cannot be fitted on the configurations indicated with -
A grey background indicates the accessory must be assembled in the factory

Power factor correction

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006
°	RIFNRB0800	RIFNRB0900	RIFNRB1000	RIFNRB1100	RIFNRB1200	RIFNRB1400	RIFNRB1600	RIFNRB1805	RIFNRB2006
A,L	RIFNRB0800	RIFNRB0900	RIFNRB1000	RIFNRB1100	RIFNRB1200	RIFNRB1400	RIFNRB1601	RIFNRB1805	RIFNRB2006
E,U	RIFNRB0800	RIFNRB0900	RIFNRB1000	RIFNRB1101	RIFNRB1201	RIFNRB1401	RIFNRB1601	RIFNRB1815	RIFNRB2016
N	RIFNRB0801	RIFNRB0901	RIFNRB1001	RIFNRB1101	RIFNRB1201	RIFNRB1401	RIFNRB1601	RIFNRB1815	RIFNRB2016

A grey background indicates the accessory must be assembled in the factory

Ver	2206	2406	2600	2800	3000	3200	3400	3600
°	RIFNRB2206	RIFNRB2406	RIFNRB2600	RIFNRB2800	RIFNRB3000	RIFNRB3200	RIFNRB3400	RIFNRB3600
A,L	RIFNRB2206	RIFNRB2416	RIFNRB2600	RIFNRB2800	RIFNRB3000	RIFNRB3200	RIFNRB3400	RIFNRB3600
E,N,U	RIFNRB2216	RIFNRB2416	RIFNRB2600	RIFNRB2800	RIFNRB3000	RIFNRB3200	RIFNRB3400	RIFNRB3600

A grey background indicates the accessory must be assembled in the factory

Anti-intrusion grid

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
°	GP2VN	GP2VN	GP2VN	GP2VN	GP3VN	GP3VN	GP3VN	GP4VN	GP4VN	GP4VN	GP4VN	GP5VN	GP6V	GP6V	GP6V	GP7V	GP7V
A,L	GP2VN	GP2VN	GP3VN	GP3VN	GP3VN	GP3VN	GP4VN	GP4VN	GP5VN	GP5VN	GP5VN	GP7V	GP7V	GP7V	GP8V	GP8V	GP8V
E,U	GP3VN	GP3VN	GP3VN	GP4VN	GP4VN	GP4VN	GP5VN	GP6V	GP6V	GP7V	GP7V	GP8V	GP8V	GP9VN	GP10V	GP10V	GP10V
N	GP4VN	GP4VN	GP4VN	GP5VN	GP5VN	GP5VN	GP6V	GP7V	GP7V	GP8V	GP4VN	GP9VN	GP9VN	GP10V	GP11V	GP11V	GP11V

A grey background indicates the accessory must be assembled in the factory

■ *GP2VN becomes GP2VNA if configured with a type A or B hydronic kit*

Double safety valves

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406
°	T6NRB13	T6NRB13	T6NRB13	T6NRB13	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB15
A,L	T6NRB13	T6NRB13	T6NRB14	T6NRB14	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB15	T6NRB16
E,U	T6NRB14	T6NRB14	T6NRB14	T6NRB14	T6NRB15	T6NRB15	T6NRB15	T6NRB17	T6NRB16	T6NRB19	T6NRB19
N	T6NRB14	T6NRB14	T6NRB14	T6NRB14	T6NRB15	T6NRB15	T6NRB18	T6NRB19	T6NRB19	T6NRB20	T6NRB20

A grey background indicates the accessory must be assembled in the factory

Kit for low temperature

Ver	0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
°	-	-	-	-	-	-	-	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)
A,L	-	-	-	-	-	-	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)
E,U	-	-	-	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)
N	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)	XLA (1)

(1) With the accessory XLA do not use the DCPX.
The accessory cannot be fitted on the configurations indicated with -
A grey background indicates the accessory must be assembled in the factory

PERFORMANCE SPECIFICATIONS

NRB - °

Size		0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																		
Cooling capacity	kW	221,5	244,5	270,3	299,7	353,1	404,9	439,0	511,2	560,9	598,2	675,8	721,6	786,8	830,6	880,2	945,8	998,2
Input power	kW	73,3	83,1	94,1	110,3	117,5	135,4	155,1	175,7	194,0	216,6	236,5	256,0	270,3	292,6	314,7	329,4	355,2
Cooling total input current	A	128,3	143,1	160,0	185,5	201,6	229,9	260,8	299,7	329,8	366,5	404,6	434,0	459,4	498,2	534,6	562,9	606,0
EER	W/W	3,02	2,94	2,87	2,72	3,00	2,99	2,83	2,91	2,89	2,76	2,86	2,82	2,91	2,84	2,80	2,87	2,81
Water flow rate system side	l/h	38117	42077	46498	51565	60733	69640	75512	87913	96469	102883	116222	124100	135305	142813	151332	162608	171611
Pressure drop system side	kPa	46	55	38	45	44	39	46	40	47	53	52	58	60	36	39	46	43

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

NRB - L

Size		0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																		
Cooling capacity	kW	216,9	237,7	272,7	307,7	343,9	391,0	438,4	498,2	555,4	608,2	666,2	727,2	770,0	834,2	886,6	952,6	1004,1
Input power	kW	73,0	85,9	92,0	107,4	122,7	139,0	151,9	173,3	191,6	213,6	233,8	246,8	270,1	284,5	307,5	323,1	347,9
Cooling total input current	A	122,8	142,3	154,5	179,0	203,4	231,8	250,8	289,7	318,6	359,2	390,2	412,6	448,8	478,6	512,6	544,6	585,4
EER	W/W	2,97	2,77	2,97	2,87	2,80	2,81	2,89	2,87	2,90	2,85	2,85	2,95	2,85	2,93	2,88	2,95	2,89
Water flow rate system side	l/h	37323	40891	46905	52926	59137	67243	75381	85669	95498	104586	114564	125029	132382	143408	152424	163777	172632
Pressure drop system side	kPa	25	20	27	24	29	23	30	28	37	36	44	28	31	30	34	39	43

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

NRB - A

Size		0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																		
Cooling capacity	kW	224,1	252,2	283,7	326,1	361,2	411,7	462,2	519,2	576,0	633,3	697,6	757,5	805,8	867,0	928,7	980,8	1026,8
Input power	kW	70,6	80,9	90,2	104,7	115,3	131,8	147,6	166,3	183,5	203,1	223,3	240,5	256,5	277,0	297,0	314,4	330,3
Cooling total input current	A	123,9	139,9	158,8	181,8	198,2	224,1	252,4	283,8	316,2	348,7	386,3	417,6	441,6	475,9	513,3	541,6	567,7
EER	W/W	3,17	3,12	3,15	3,12	3,13	3,12	3,13	3,12	3,14	3,12	3,12	3,15	3,14	3,13	3,13	3,12	3,11
Water flow rate system side	l/h	38561	43394	48802	56076	62118	70789	79487	89271	99048	108894	119965	130236	138537	149048	159671	168622	176531
Pressure drop system side	kPa	27	22	30	27	32	25	34	30	39	39	48	30	34	32	38	41	45

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

NRB - E

Size		0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																		
Cooling capacity	kW	219,2	248,3	275,0	321,4	358,7	403,2	455,0	514,5	569,0	637,2	688,3	741,1	794,3	857,9	911,7	965,1	1019,4
Input power	kW	69,6	79,4	88,5	102,2	114,9	129,8	144,5	164,7	183,0	203,4	221,4	236,5	255,5	274,7	290,6	310,5	327,8
Cooling total input current	A	119,5	134,7	148,8	172,1	192,6	215,7	240,1	275,1	306,1	342,6	372,8	397,0	425,9	459,5	487,5	520,6	549,0
EER	W/W	3,15	3,13	3,11	3,15	3,12	3,11	3,15	3,12	3,11	3,13	3,11	3,13	3,11	3,12	3,14	3,11	3,11
Water flow rate system side	l/h	37710	42726	47303	55271	61679	69338	78240	88465	97841	109550	118323	127417	136570	147496	156744	165934	175268
Pressure drop system side	kPa	19	23	20	27	21	27	26	33	33	22	25	30	34	33	38	41	46

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

NRB - U

Size		0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																		
Cooling capacity	kW	227,6	257,6	286,5	329,6	369,8	414,6	466,9	529,2	594,0	655,1	716,9	765,5	815,3	879,0	940,9	999,7	1049,5
Input power	kW	68,8	77,7	86,8	99,5	111,7	126,1	140,9	159,5	179,0	197,8	215,3	229,4	248,9	265,7	282,3	302,5	319,5
Cooling total input current	A	124,3	138,5	152,9	176,0	195,6	218,0	244,0	278,3	311,7	347,7	377,4	401,2	431,5	463,1	493,9	527,9	556,4
EER	W/W	3,30	3,31	3,30	3,31	3,31	3,28	3,31	3,32	3,32	3,31	3,33	3,34	3,28	3,31	3,33	3,30	3,28
Water flow rate system side	l/h	39151	44308	49294	56689	63596	71302	80286	91003	102137	112618	123250	131616	140179	151126	161768	171875	180443
Pressure drop system side	kPa	20	25	21	29	23	28	27	35	36	23	27	32	36	35	40	44	49

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

NRB - N

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Cooling performance 12 °C / 7 °C (1)																			
Cooling capacity		kW	227,7	260,4	284,7	327,7	367,7	412,3	466,1	521,6	579,1	645,7	702,6	749,4	804,7	866,4	926,7	973,5	1029,9
Input power		kW	68,5	78,9	86,4	98,5	111,9	125,4	140,4	157,8	176,0	194,6	212,9	229,0	246,7	263,5	282,7	301,1	319,3
Cooling total input current		A	118,2	135,1	146,9	166,9	188,6	209,4	234,0	264,2	295,4	328,9	360,0	385,3	412,5	442,0	475,2	506,2	536,4
EER		W/W	3,32	3,30	3,30	3,33	3,29	3,29	3,32	3,31	3,29	3,32	3,30	3,27	3,26	3,29	3,28	3,23	3,23
Water flow rate system side		l/h	39166	44792	48972	56365	63234	70905	80151	89691	99569	111009	120789	128849	138355	148961	159328	167377	177077
Pressure drop system side		kPa	20	25	21	28	23	28	27	34	34	23	26	30	35	34	39	42	47

(1) Data EN 14511:2018; Heat exchanger water (services side) 12°C / 7°C; outside air 35°C

ENERGY INDEX

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
SEER - 12/7 (EN14825:2018) with standard fans (1)																			
SEER	°	W/W	4,22	4,13	4,10	4,11	4,19	4,25	4,13	4,12	4,17	4,11	4,14	4,14	4,23	4,16	4,13	4,19	4,12
	A	W/W	4,41	4,34	4,39	4,45	4,48	4,37	4,43	4,30	4,25	4,20	4,26	4,37	4,29	4,27	4,27	4,22	4,20
	E	W/W	4,46	4,40	4,40	4,54	4,54	4,35	4,51	4,33	4,23	4,30	4,31	4,38	4,28	4,30	4,34	4,25	4,28
	L	W/W	4,31	4,16	4,24	4,27	4,31	4,15	4,27	4,17	4,14	4,12	4,12	4,28	4,14	4,19	4,18	4,18	4,16
	N	W/W	4,61	4,56	4,58	4,72	4,68	4,72	4,78	4,66	4,58	4,61	4,61	4,64	4,59	4,62	4,60	4,59	4,62
	U	W/W	4,51	4,51	4,51	4,63	4,64	4,65	4,69	4,61	4,56	4,57	4,59	4,58	4,56	4,59	4,57	4,56	4,56
Seasonal efficiency	°	%	166%	162%	161%	161%	165%	167.1%	162.0%	161.9%	163.7%	161.2%	162.5%	162.7%	166.0%	163.2%	162.1%	164.7%	161.8%
	A	%	174%	171%	172%	175%	176%	165.9%	174.0%	168.8%	167.0%	165.1%	167.4%	171.6%	168.7%	167.8%	167.9%	165.9%	164.9%
	E	%	176%	173%	173%	179%	178%	167.0%	177.2%	170.0%	166.2%	168.9%	169.5%	172.2%	168.0%	168.8%	170.4%	167.0%	168.2%
	L	%	169%	164%	167%	168%	169%	164.3%	167.7%	163.6%	162.5%	161.8%	161.9%	168.3%	162.5%	164.6%	164.1%	164.3%	163.5%
	N	%	181,3%	179,3%	180,0%	185,7%	184,1%	185,9%	188,2%	183,4%	180,3%	181,5%	181,6%	182,7%	180,6%	181,7%	180,9%	180,6%	181,7%
	U	%	177,2%	177,4%	177,2%	182,1%	182,5%	183,1%	184,8%	181,4%	179,2%	179,9%	180,5%	180,3%	179,3%	180,6%	179,7%	179,5%	179,3%
SEER - (EN14825:2018) 12/7 with inverter fans (1)																			
SEER	°	W/W	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	A	W/W	4,65	4,55	4,66	4,70	4,69	4,73	4,76	4,64	4,63	4,62	4,61	4,68	4,66	4,66	4,68	4,64	4,63
	E	W/W	4,75	4,67	4,62	4,81	4,81	4,76	4,88	4,73	4,67	4,69	4,74	4,69	4,71	4,74	4,80	4,72	4,73
	L	W/W	4,55	4,42	4,50	4,51	4,58	4,59	4,67	4,56	4,56	4,58	4,56	4,61	4,56	4,57	4,58	4,61	4,56
	N	W/W	4,85	4,79	4,83	4,96	4,93	4,97	5,03	4,93	4,82	4,88	4,82	4,89	4,80	4,84	4,83	4,73	4,73
	U	W/W	4,76	4,75	4,70	4,89	4,85	4,86	4,91	4,84	4,77	4,82	4,78	4,87	4,81	4,85	4,92	4,82	4,81
Seasonal efficiency	°	%																	
	A	%	182,8%	179,1%	183,4%	185,0%	184,7%	186,2%	187,3%	182,7%	182,4%	181,7%	181,5%	184,2%	183,5%	183,3%	184,0%	182,7%	182,0%
	E	%	187,0%	183,7%	182,0%	189,3%	189,6%	187,5%	192,3%	186,2%	183,9%	184,8%	186,4%	184,7%	185,3	186,4%	189,1%	185,8%	186,1%
	L	%	179,2%	173,8%	177,0%	177,5%	180,1%	180,4%	183,9%	179,5%	179,4%	180,1%	179,6%	181,3%	179,4%	179,9%	180,3%	181,6%	179,3%
	N	%	191,1%	188,4%	190,3%	195,4%	194,2%	195,9%	198,1%	194,1%	189,9%	192,4%	190,0%	192,7%	189,1%	190,6%	190,2%	186,3%	186,2%
	U	%	187,4%	187,1%	185,2%	192,5%	191,0%	191,3%	193,3%	190,7%	187,7%	189,6%	188,1%	191,9%	189,4%	191,1%	193,8%	190,0%	189,4%
SEER - 23/18 (EN14825: 2018) with standard fans (2)																			
SEER	°	W/W	5,08	4,98	4,92	4,82	5,20	5,26	5,03	4,91	4,97	4,63	4,91	4,84	4,86	4,77	4,72	4,85	4,80
	A	W/W	5,29	5,15	5,25	5,28	5,35	5,37	5,42	5,15	5,22	5,09	5,22	5,30	5,18	5,15	5,17	5,13	5,13
	E	W/W	5,36	5,24	5,28	5,40	5,43	5,37	5,54	5,21	5,22	5,21	5,30	5,33	5,14	5,17	5,22	5,17	5,21
	L	W/W	5,06	4,87	5,07	5,08	5,05	5,10	5,19	5,02	5,02	4,92	4,99	5,21	4,94	5,03	4,99	5,06	5,07
	N	W/W	5,57	5,47	5,50	5,66	5,61	5,65	5,73	5,48	5,48	5,44	5,54	5,48	5,32	5,37	5,37	5,29	5,32
	U	W/W	5,41	5,44	5,41	5,58	5,56	5,60	5,63	5,46	5,49	5,39	5,50	5,57	5,29	5,35	5,48	5,36	5,38
Seasonal efficiency	°	%	200.1%	196.0%	193.6%	189.9%	205.1%	207,3%	198,3%	193,3%	195,7%	182,0%	193,5%	190,6%	191,5%	187,9%	186,0%	191,0%	189,2%
	A	%	208.4%	203.0%	206.8%	208.0%	211.1%	211,6%	213,6%	203,1%	205,7%	200,6%	205,6%	209,1%	204,0%	203,0%	203,6%	202,1%	202,1%
	E	%	211.4%	206.4%	208.3%	213.0%	214.0%	211,8%	218,5%	205,5%	205,7%	205,3%	208,9%	210,3%	202,4%	203,9%	205,9%	203,7%	205,5%
	L	%	199.4%	191.9%	199.7%	200.1%	199.1%	200,8%	204,4%	197,7%	197,6%	193,9%	196,4%	205,2%	194,5%	198,0%	196,4%	199,5%	199,85
	N	%	219.7%	215.8%	216.8%	223.4%	221.5%	223,0%	226,2%	216,0%	216,3%	214,6%	218,4%	216,3%	209,6%	211,6%	211,8%	208,5%	209,7%
	U	%	213.4%	214.4%	213.3%	220.0%	219.5%	221,0%	222,2%	215,3%	216,4%	212,5%	216,9%	219,7%	208,7%	211,1%	216,1%	211,4%	212,0%
SEER - 23/18 (EN14825: 2018) with inverter fans																			
SEER	°	W/W	5,28	5,16	5,07	4,96	5,40	5,44	5,18	5,07	5,13	4,77	5,07	5,09	5,09	4,98	4,92	5,09	5,01
	A	W/W	5,50	5,35	5,50	5,51	5,55	5,55	5,63	5,34	5,44	5,30	5,42	5,41	5,43	5,38	5,43	5,36	5,40
	E	W/W	5,62	5,53	5,46	5,70	5,69	5,63	5,77	5,50	5,52	5,48	5,59	5,47	5,41	5,47	5,77	5,50	5,51
	L	W/W	5,34	5,14	5,35	5,33	5,37	5,34	5,47	5,26	5,32	5,20	5,26	5,35	5,20	5,25	5,21	5,32	5,23
	N	W/W	5,82	5,71	5,76	5,91	5,88	5,91	5,99	5,75	5,74	5,71	5,75	5,74	5,55	5,62	5,64	5,54	5,54
	U	W/W	5,65	5,67	5,59	5,82	5,76	5,80	5,83	5,67	5,69	5,61	5,68	5,77	5,59	5,66	5,85	5,70	5,69
Seasonal efficiency	°	%	208.1%	203.4%	199.8%	195.4%	212.9%	214,5%	204,1%	199,9%	202,1%	187,8%	199,6%	200,4%	200,4%	196,1%	193,9%	200,4%	197,4%
	A	%	217.0%	210.9%	217.0%	217.5%	219.1%	219,1%	222,1%	210,5%	214,6%	209,1%	213,6%	213,4%	214,2%	212.0%	214,3%	211,5%	213,0%
	E	%	221.9%	218.3%	215.3%	224.9%	224.5%	222,2%	227,7%	216,8%	217,7%	216,0%	220,6%	215,7%	213,4%	215,6%	227,9%	216,8%	217,2%
	L	%	210.4%	202.7%	211.0%	210.2%	211.6%	210,4%	215,8%	207,4%	209,7%	205,1%	207,5%	211,0%	204,8%	206,9%	205,4%	209,9%	206,2%
	N	%	229.9%	225.3%	227.5%	233.5%	232.1%	233,4%	236,4%	226,8%	226,4%	225,5%	227,1%	226,4%	219,1%	221,6%	222,4%	218,4%	218,5%
	U	%	222.8%	233.7%	220.7%	229.9%	227.5%	228,8%	230,2%	223,8%	224,5%	221,5%	224,0%	227,8%	220,6%	223,4%	231,0%	225,0%	224,4%

(1) Calculation performed with FIXED water flow rate and VARIABLE outlet temperature.
(2) Calculation performed with FIXED water flow rate.

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
SEPR - (EN14825: 2018) High temperature with standard fans (2)																			
SEPR	°	W/W	5,39	5,21	5,17	5,03	5,35	5,50	5,52	5,57	5,52	5,51	5,51	5,51	5,53	5,54	5,55	5,50	5,53
	A	W/W	5,64	5,29	5,58	5,29	5,55	5,51	5,55	5,55	5,56	5,54	5,55	5,54	5,59	5,54	5,59	5,56	5,56
	E	W/W	5,56	5,21	5,46	5,25	5,52	5,55	5,58	5,54	5,52	5,55	5,55	5,55	5,52	5,55	5,52	5,50	5,55
	L	W/W	5,31	5,05	5,31	5,04	5,17	5,04	5,52	5,53	5,52	5,52	5,54	5,54	5,54	5,51	5,53	5,51	5,53
	N	W/W	5,69	5,54	5,66	5,59	5,64	5,61	5,66	5,57	5,62	5,59	5,64	5,60	5,50	5,63	5,69	5,51	5,63
	U	W/W	5,67	5,53	5,65	5,53	5,67	5,59	5,68	5,55	5,55	5,57	5,72	5,74	5,59	5,70	5,67	5,71	5,58

(1) Calculation performed with FIXED water flow rate and VARIABLE outlet temperature.
(2) Calculation performed with FIXED water flow rate.

ELECTRIC DATA

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Electric data																			
Maximum current (FLA)	°	A	164,3	180,7	197,0	226,4	262,1	291,1	320,1	371,3	416,0	445,0	480,4	529,4	568,6	609,5	650,4	697,7	738,6
	A,L	A	177,1	193,4	222,5	251,8	281,2	310,2	351,9	396,7	454,2	483,2	530,8	592,5	625,4	666,3	719,9	760,8	801,8
	E,U	A	189,8	206,1	222,5	264,5	293,9	322,9	364,6	428,0	472,8	514,5	543,5	605,2	638,1	691,7	745,4	786,3	827,2
	N	A	202,5	218,8	235,2	277,3	306,6	335,6	383,2	440,7	485,5	527,2	556,2	617,9	650,8	704,4	758,1	799,0	839,9
Peak current (LRA)	°	A	352,9	408,1	424,4	477,1	512,8	625,3	654,3	705,5	750,3	779,3	814,6	798,7	837,9	878,8	919,7	967,0	1007,9
	A,L	A	365,6	420,8	449,9	502,5	531,9	644,4	686,1	730,9	788,4	817,4	865,0	861,8	894,6	935,6	989,2	1030,1	1071,0
	E,U	A	378,3	433,5	449,9	515,3	544,6	657,1	698,8	762,2	807,0	848,7	877,7	874,5	907,4	961,0	1014,6	1055,6	1096,5
	N	A	391,1	446,2	462,6	528,0	557,3	669,8	717,4	774,9	819,7	861,4	890,4	887,2	920,1	973,7	1027,4	1068,3	1109,2

GENERAL TECHNICAL DATA

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Compressor																			
Type	°,A,E,L,N,U	type	Scroll																
Compressor regulation	°,A,E,L,N,U	Type	Asynchronous																
Number	°,A,E,L,N,U	no.	4	4	4	4	4	4	4	5	6	6	6	5	6	6	6	6	6
Circuits	°,A,E,L,N,U	no.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
Refrigerant	°,A,E,L,N,U	type	R410A																
Refrigerant load circuit 1 (1)	°	kg	14,0	14,5	15,0	16,0	20,5	21,0	21,0	26,0	26,0	26,0	31,0	30,0	41,0	45,0	41,0	48,0	48,0
	A,L	kg	15,0	16,0	20,0	22,0	21,0	22,5	23,5	25,0	30,0	31,0	32,5	42,0	49,0	59,0	65,0	56,0	52,0
	E,U	kg	20,5	20,0	21,5	26,0	25,0	26,0	30,0	32,0	36,0	44,5	56,0	62,0	53,0	70,0	78,0	78,0	78,0
	N	kg	25,0	26,5	26,5	29,0	28,0	35,0	42,0	38,0	43,0	62,0	42,0	67,0	55,0	76,0	84,0	84,0	84,0
Refrigerant load circuit 2 (1)	°	kg	14,0	14,5	15,0	16,0	20,5	21,0	21,0	29,0	29,0	29,0	34,0	40,0	48,0	50,0	41,0	55,0	55,0
	A,L	kg	15,0	16,0	20,0	22,0	21,0	22,5	25,5	30,0	34,0	34,0	37,5	54,0	55,0	59,0	65,0	66,0	64,0
	E,U	kg	20,5	20,0	21,5	27,0	28,0	27,0	32,0	37,0	39,0	45,5	56,0	62,0	63,0	70,0	78,0	78,0	78,0
	N	kg	25,0	26,5	26,5	30,0	31,0	35,0	42,0	42,0	47,0	62,0	49,0	67,0	67,0	76,0	84,0	84,0	84,0
Potential global heating	°,A,E,L,N,U	GWP	2088kgCO_2eq																
System side heat exchanger																			
Type	°,A,E,L,N,U	type	Brazed plate																
Number	°,A,E,L,N,U	no.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
Hydraulic connections																			
Connections (in/out)	°,A,E,L,N,U	Type	Grooved joints																
Sizes (in/out)	°	Ø	3″	3″	3″	3″	3″	3″	3″	3″	3″	3″	3″	3″	5″	5″	5″	5″	5″
	A,L	Ø	3″	3″	3″	3″	3″	3″	3″	3″	3″	3″	3″	5″	5″	5″	5″	5″	5″
	E,N,U	Ø	3″	3″	3″	3″	3″	3″	3″	3″	3″	5″	5″	5″	5″	5″	5″	5″	5″
Sound data calculated in cooling mode (2)																			
Sound power level	°	dB(A)	87,8	87,8	87,8	87,8	90,0	90,0	90,0	92,0	92,5	93,0	94,7	94,7	95,6	95,6	95,6	96,5	96,5
	A	dB(A)	87,8	87,8	90,0	90,0	90,0	90,0	91,5	92,0	93,7	94,2	95,6	96,5	96,5	96,5	97,2	97,2	97,2
	E	dB(A)	84,8	84,8	84,8	86,3	86,3	86,3	87,5	89,0	89,5	90,8	91,3	92,0	92,0	92,6	93,2	93,2	93,2
	L	dB(A)	82,7	82,7	84,8	84,8	84,8	85,6	86,3	87,7	88,5	89,8	90,5	91,3	91,3	92,1	92,0	92,8	92,8
	N	dB(A)	86,3	86,3	86,3	87,5	87,5	87,5	88,5	89,8	90,3	91,5	92,0	92,6	92,6	93,2	93,7	93,7	93,7
	U	dB(A)	90,0	90,0	90,0	91,5	91,5	91,5	92,7	94,2	94,7	96,0	96,5	97,2	97,2	97,8	98,4	98,4	98,4

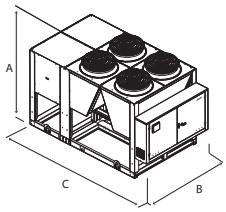
(1) The load indicated in the table is an estimated and preliminary value. The final value of the refrigerant load is indicated on the unit's technical label. For further information contact the office.
(2) Sound power calculated on the basis of measurements made in accordance with UNI EN ISO 9614-2, as required for Eurovent certification. Sound pressure (cold functioning) measured in free field, 10m away from the unit external surface (in compliance with UNI EN ISO 3744).

In the versions without a hydronic kit, the water filter is supplied with a connection point for making the connection. In the versions with a hydronic kit, it is supplied ready-mounted.

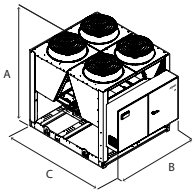
Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Fans: °																			
Fan																			
Type	°,A,E,L,N,U	type	Axial																
Fan motor	°,A,U	type	Asynchronous																
	E,L,N	type	Asynchronous with phase cut																
Number	°	no.	4	4	4	4	6	6	6	8	8	8	10	10	12	12	12	14	14
	A,L	no.	4	4	6	6	6	6	8	8	10	10	12	14	14	14	16	16	16
	E,U	no.	6	6	6	8	8	8	10	12	12	14	14	16	16	18	20	20	20
	N	no.	8	8	8	10	10	10	12	14	14	16	16	18	18	20	22	22	22
Air flow rate	°	m^3/h	64000	64000	64000	64000	96000	96000	96000	128000	128000	128000	160000	160000	192000	192000	192000	224000	224000
	A	m^3/h	64000	64000	96000	96000	96000	96000	128000	128000	160000	160000	192000	224000	224000	224000	256000	256000	288000
	E	m^3/h	69000	69000	69000	92000	92000	92000	115000	138000	138000	161000	161000	184000	184000	207000	230000	230000	230000
	L	m^3/h	46000	46000	69000	69000	69000	69000	92000	92000	115000	115000	138000	161000	161000	161000	184000	184000	208000
	N	m^3/h	92000	92000	92000	115000	115000	115000	138000	161000	161000	184000	184000	207000	207000	230000	253000	253000	253000
	U	m^3/h	96000	96000	96000	128000	128000	128000	160000	192000	192000	224000	224000	256000	256000	288000	320000	320000	320000

DIMENSIONS

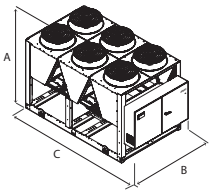
NRB 0800 - 1100 ° (1)
NRB 0800 - 0900 L/A (1)



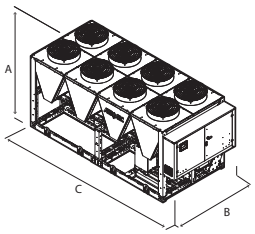
NRB 0800 - 1100 °
NRB 0800 - 0900 L/A



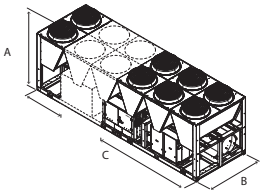
NRB 1200 - 1600 °
NRB 1000 - 1400 L/A
NRB 0800 -1000 E/U



NRB 1805 - 2406 °
NRB 1805 - 2206 L/A



NRB 2600 - 3600 °
NRB 2406- 3600 L/A
NRB 1100 - 3600 E/U
NRB 0800-3600 N



(1) Additional module needed to contain the hydronic kit with "accumulation" option in sizes:
0800°, 0900°, 1000°, 1100°
0800L, 0900L
0800A, 0900A

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Dimensions and weights																			
A	°,A,E,L,N,U	mm	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450	2450
B	°,A,E,L,N,U	mm	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200	2200
C	°	mm	2780	2780	2780	2780	3970	3970	3970	5160	5160	5160	6350	5950	7140	7140	7140	8330	8330
	A,L	mm	2780	2780	3970	3970	3970	3970	4760	5160	6350	6350	7140	8330	8330	8330	9520	9520	9520
	E,U	mm	3970	3970	3970	4760	4760	4760	5950	7140	7140	8330	8330	9520	9520	10710	11900	11900	11900
	N	mm	4760	4760	4760	5950	5950	5950	7140	8330	8330	9520	9520	10710	10710	11900	13090	13090	13090

■ *The units 0800°, 0900°, 1000°, 1100°; 0800L, 0900L; and 0800A, 0900A with the "storage tank" option, are 3970mm long.*

Size			0800	0900	1000	1100	1200	1400	1600	1805	2006	2206	2406	2600	2800	3000	3200	3400	3600
Integrated hydronic kit: 00																			
Weights																			
Empty weight	°	kg	2240	2280	2350	2390	2880	2930	2960	3660	3830	3870	4360	4500	5150	5390	5470	6000	6150
	A,L	kg	2260	2320	2800	2870	2910	2970	3490	3710	4280	4360	4780	5510	5760	5910	6390	6520	6600
	E,U	kg	2720	2760	2840	3370	3440	3460	3940	4490	4700	5350	5390	5910	6160	6700	7140	7220	7300
	N	kg	3220	3270	3340	3770	3840	3870	4290	4940	5160	5750	5790	6310	6560	7010	7540	7620	7700

■ *The weights are for standard units with plate heat exchangers and no hydronic kit.*

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